Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100925\
Data File : VL043082.D
Acq On : 09 Oct 2025 11:35
Operator : SY/MD
Sample : QC100625 CAN 10595
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC100625 CAN 10595

Quant Time: Oct 09 22:13:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL100225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Fri Oct 03 08:23:34 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.774	49	177578	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.939	114	496375	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.862	117	415022	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.361	95	308409	10.316	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 103.200%			
Target Compounds						Qvalue
13) Ethanol	1.884	45	290	Below Cal	#	32
15) Acetone	1.829	43	2610	0.105	ppbv #	56
20) Methylene Chloride	2.052	84	2468	0.227	ppbv	87
23) Vinyl Acetate	2.441	43	896	0.170	ppbv #	1
30) Cyclohexane	3.933	84	1896	0.096	ppbv #	1
34) 2-Butanone	2.554	43	1461	0.043	ppbv	92
39) 1,2-Dichloropropane	3.936	63	126076	7.172	ppbv #	23
79) Naphthalene	13.503	128	586	0.245	ppbv #	85
80) Naphthalene,2-methyl-	14.449	142	534	0.682	ppbv	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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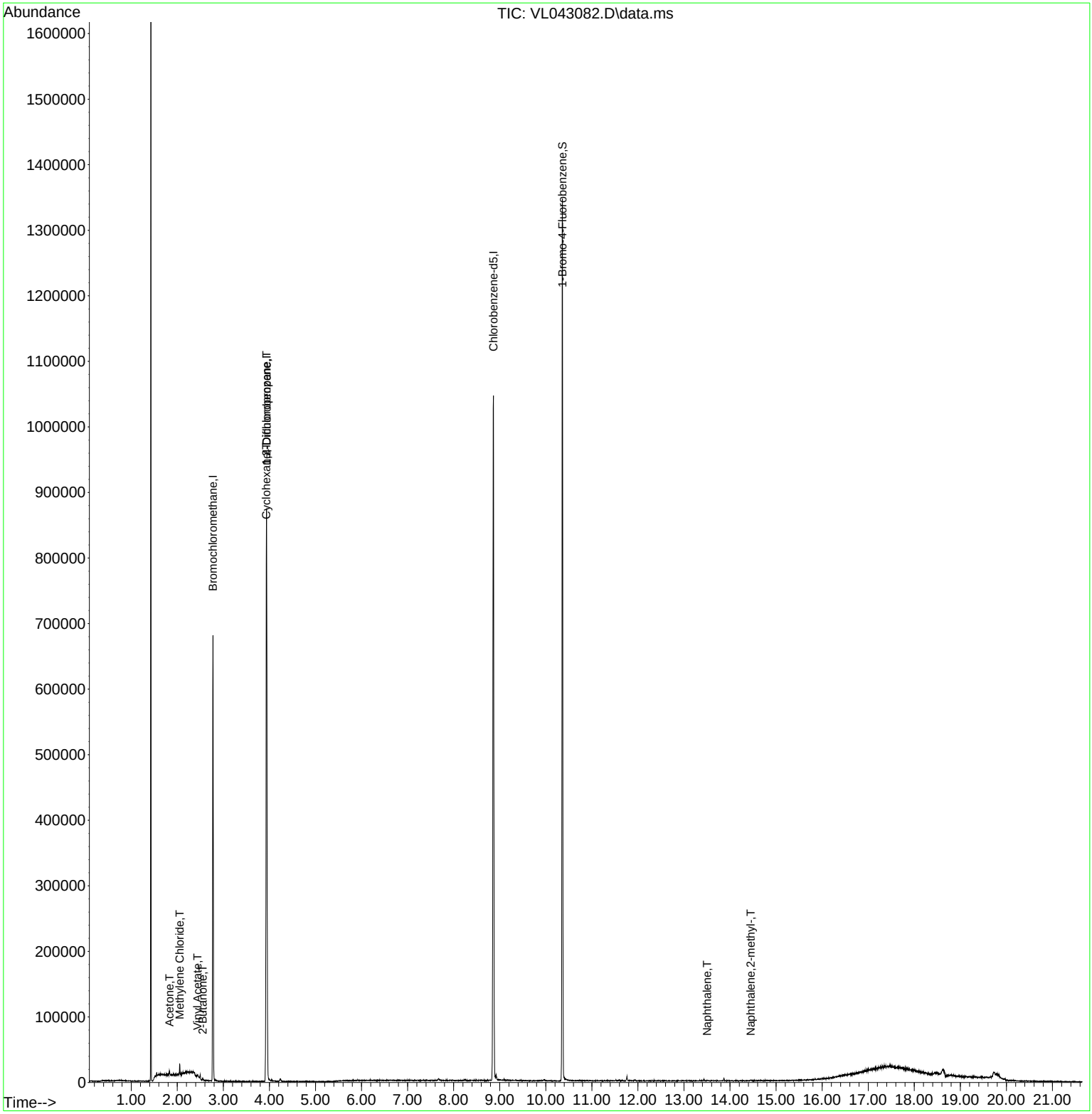
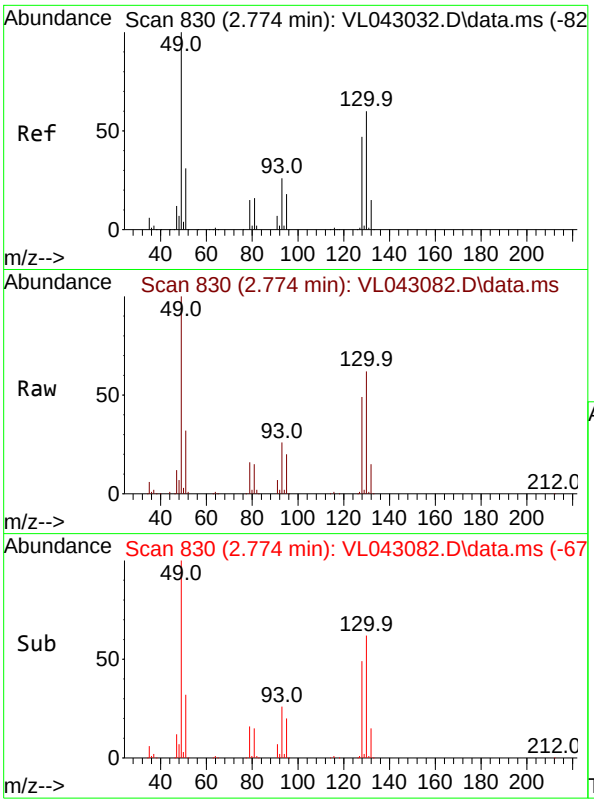


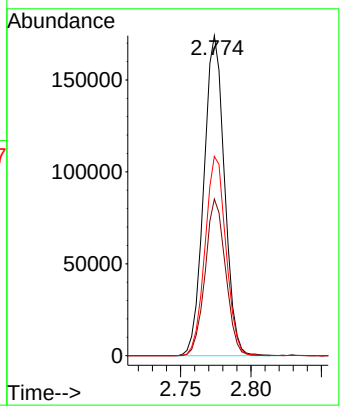


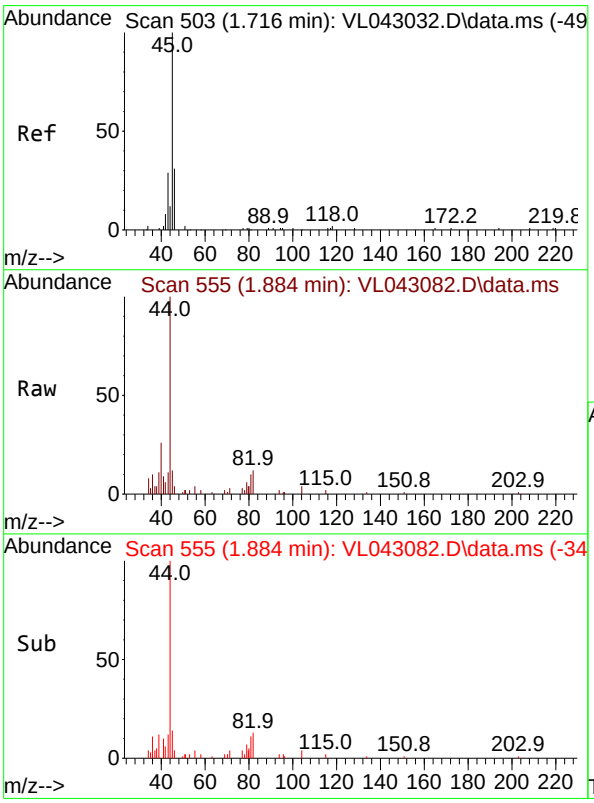
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.774 min Scan# 8
Delta R.T. -0.000 min
Lab File: VL043082.D
Acq: 09 Oct 2025 11:35

Instrument :
MSVOA_L
ClientSampleId :
QC100625 CAN 10595

Tgt Ion: 49 Resp: 177578

Ion	Ratio	Lower	Upper
49	100		
128	48.3	24.1	72.2
130	62.9	31.4	94.3

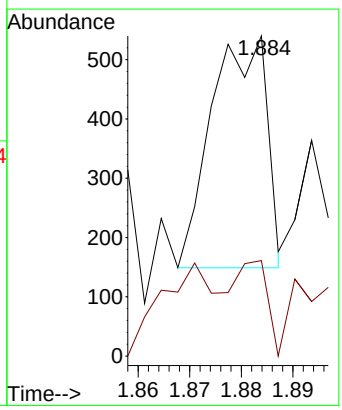


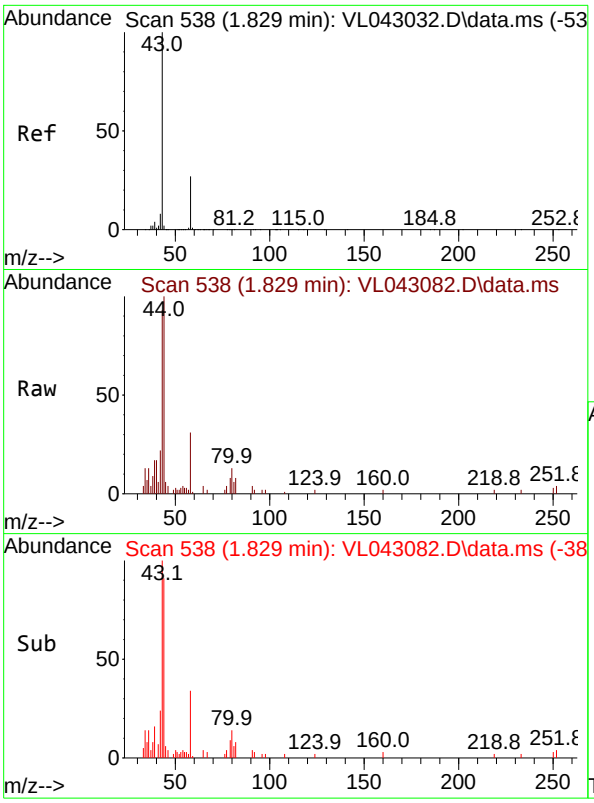


#13
Ethanol
Concen: Below Cal
RT: 1.884 min Scan# 555
Delta R.T. 0.168 min
Lab File: VL043082.D
Acq: 09 Oct 2025 11:35

Tgt Ion: 45 Resp: 290

Ion	Ratio	Lower	Upper
45	100		
46	88.6	17.8	71.4#



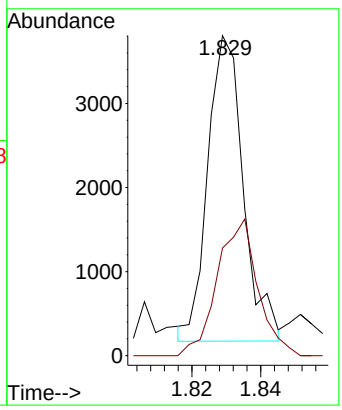


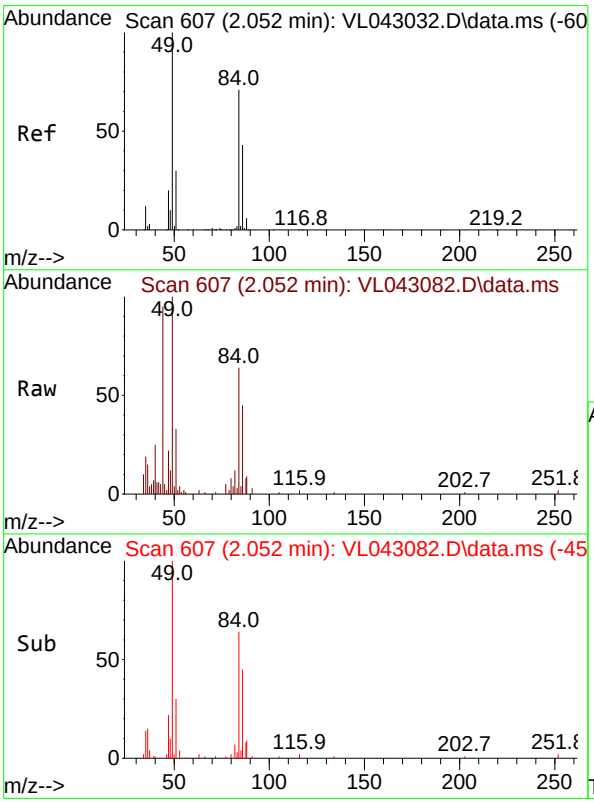
#15
Acetone
Concen: 0.105 ppbv
RT: 1.829 min Scan# 5
Delta R.T. -0.000 min
Lab File: VL043082.D
Acq: 09 Oct 2025 11:35

Instrument :
MSVOA_L
ClientSampleId :
QC100625 CAN 10595

Tgt Ion: 43 Resp: 2610

Ion	Ratio	Lower	Upper
43	100		
58	51.0	22.2	33.4#

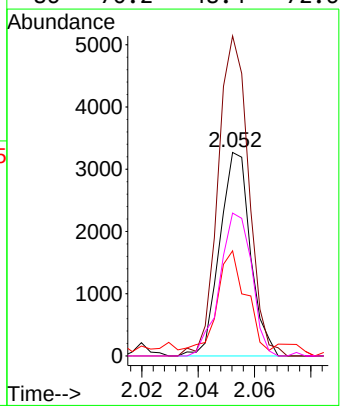


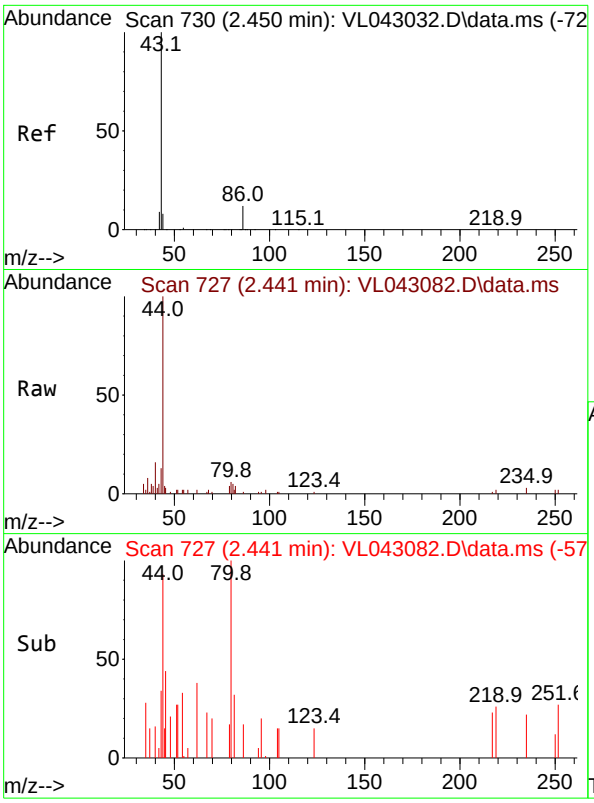


#20
Methylene Chloride
Concen: 0.227 ppbv
RT: 2.052 min Scan# 607
Delta R.T. -0.000 min
Lab File: VL043082.D
Acq: 09 Oct 2025 11:35

Tgt Ion: 84 Resp: 2468

Ion	Ratio	Lower	Upper
84	100		
49	157.2	112.5	168.7
51	48.7	34.2	51.2
86	70.2	48.4	72.6



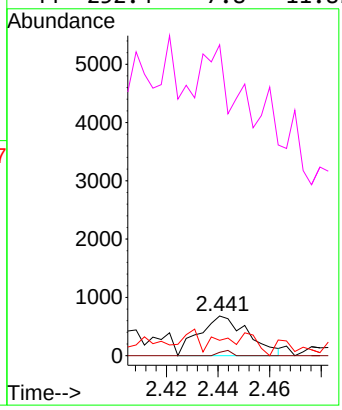


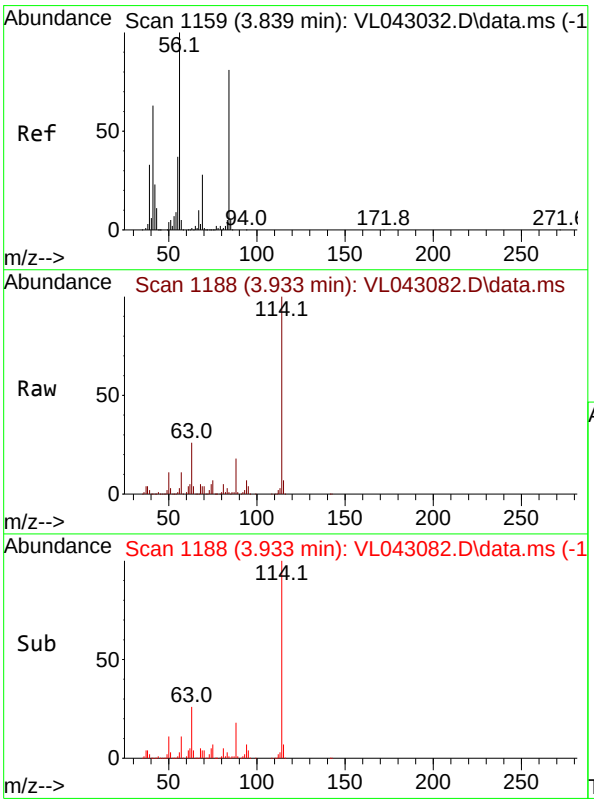
#23
Vinyl Acetate
Concen: 0.170 ppbv
RT: 2.441 min Scan# 7
Delta R.T. -0.010 min
Lab File: VL043082.D
Acq: 09 Oct 2025 11:35

Instrument :
MSVOA_L
ClientSampleId :
QC100625 CAN 10595

Tgt Ion: 43 Resp: 896

Ion	Ratio	Lower	Upper
43	100		
86	8.5	7.5	11.3
42	10.0	8.4	12.6
44	252.4	7.8	11.8#

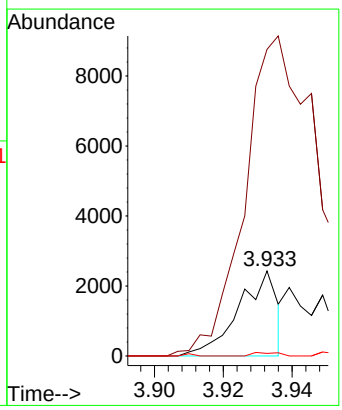


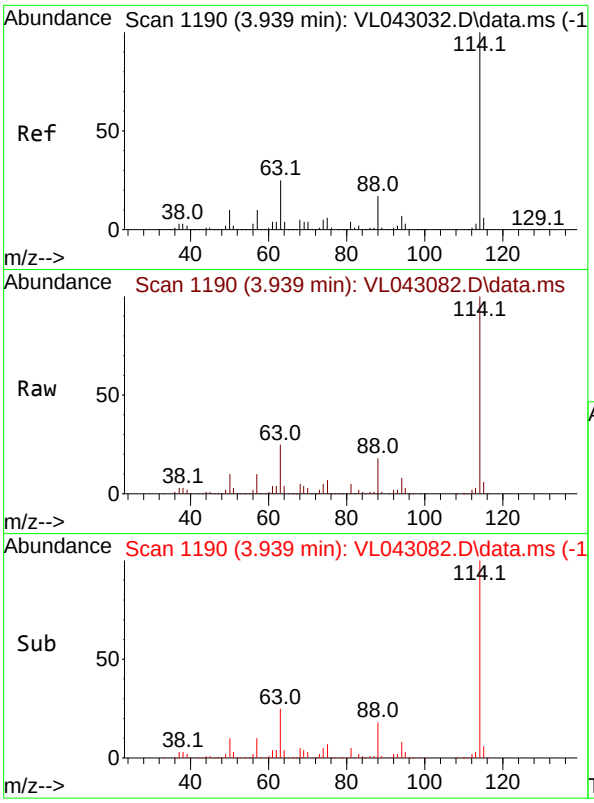


#30
Cyclohexane
Concen: 0.096 ppbv
RT: 3.933 min Scan# 1188
Delta R.T. 0.094 min
Lab File: VL043082.D
Acq: 09 Oct 2025 11:35

Tgt Ion: 84 Resp: 1896

Ion	Ratio	Lower	Upper
84	100		
56	0.0	99.9	149.9#
41	2.0	64.2	96.4#



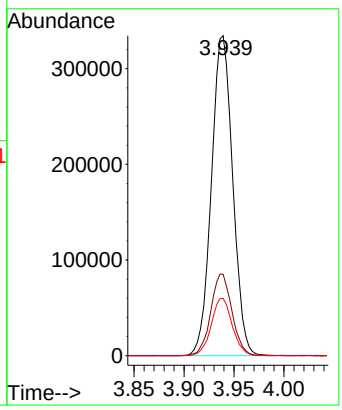


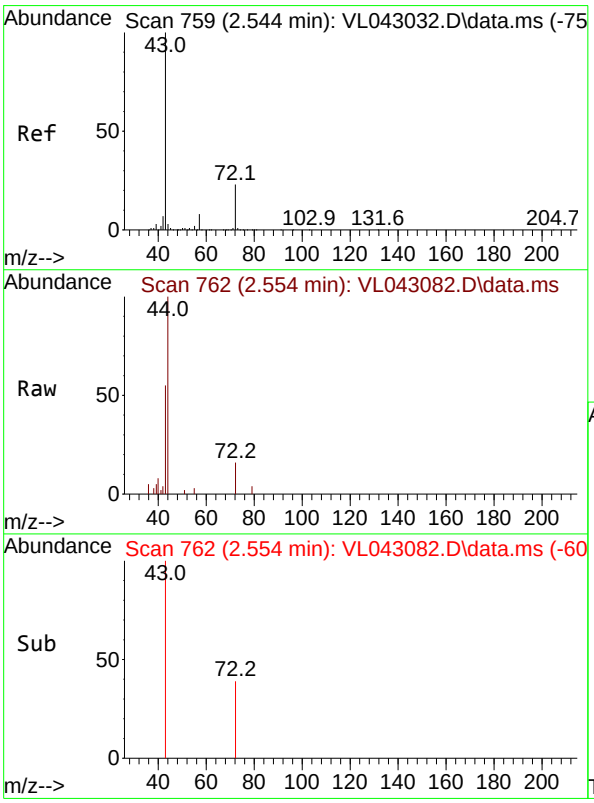
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.939 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL043082.D
Acq: 09 Oct 2025 11:35

Instrument :
MSVOA_L
ClientSampleId :
QC100625 CAN 10595

Tgt Ion:114 Resp: 496375

Ion	Ratio	Lower	Upper
114	100		
63	25.5	19.4	29.2
88	17.7	13.9	20.9

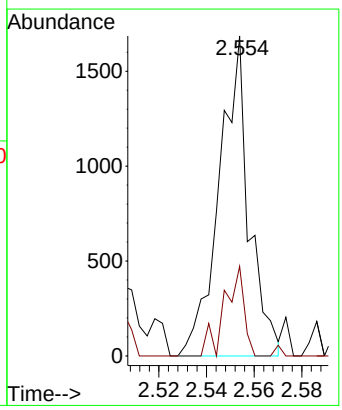


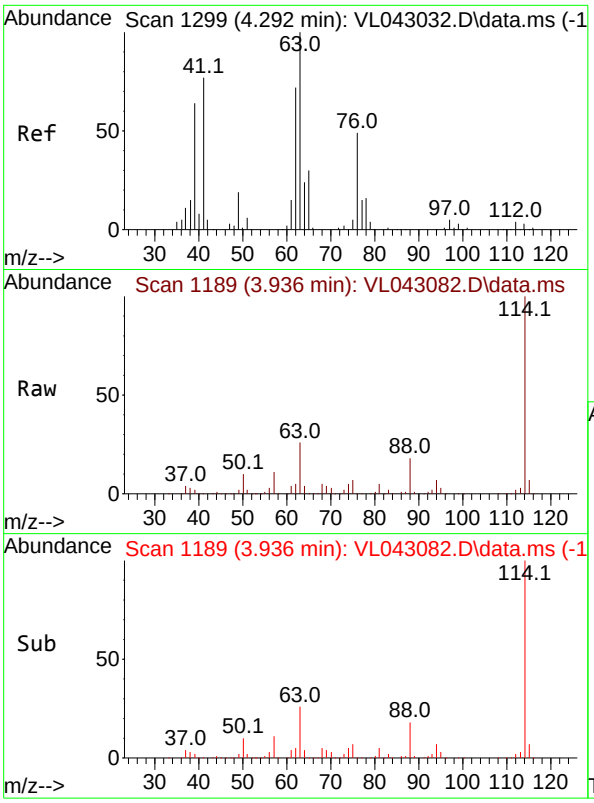


#34
2-Butanone
Concen: 0.043 ppbv
RT: 2.554 min Scan# 762
Delta R.T. 0.010 min
Lab File: VL043082.D
Acq: 09 Oct 2025 11:35

Tgt Ion: 43 Resp: 1461

Ion	Ratio	Lower	Upper
43	100		
72	19.2	18.4	27.6



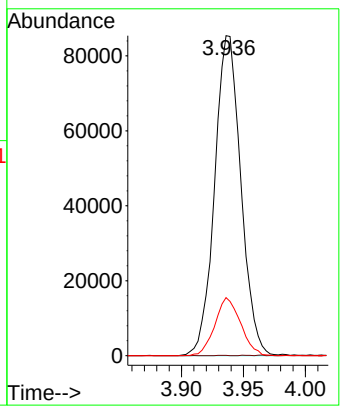


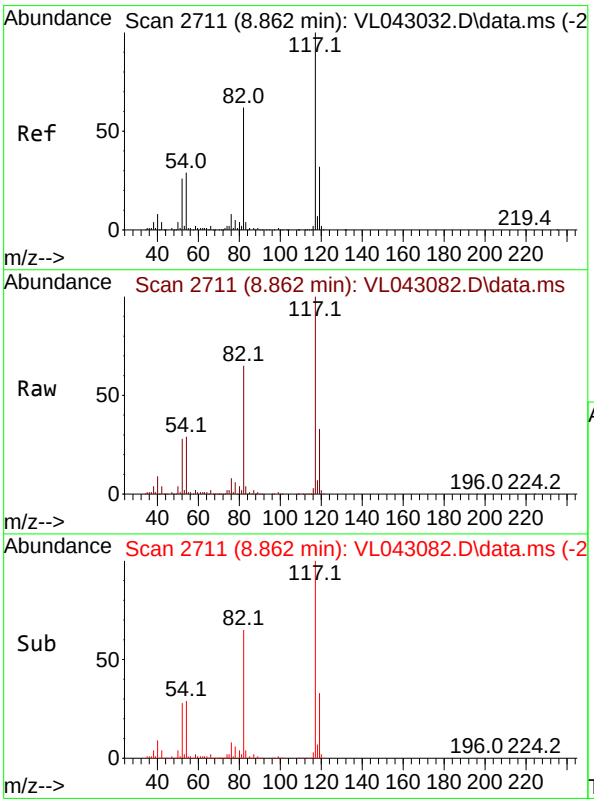
#39
1,2-Dichloropropane
Concen: 7.172 ppbv
RT: 3.936 min Scan# 11
Delta R.T. -0.356 min
Lab File: VL043082.D
Acq: 09 Oct 2025 11:35

Instrument :
MSVOA_L
ClientSampleId :
QC100625 CAN 10595

Tgt Ion: 63 Resp: 126076

Ion	Ratio	Lower	Upper
63	100		
41	0.1	61.6	92.4#
62	18.1	58.1	87.1#

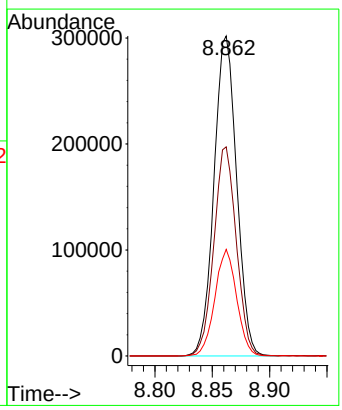


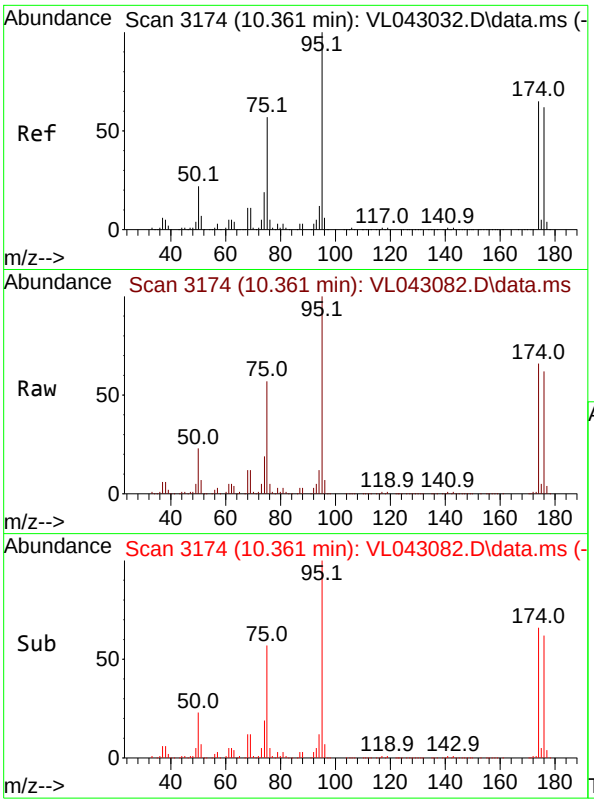


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.862 min Scan# 2711
Delta R.T. -0.000 min
Lab File: VL043082.D
Acq: 09 Oct 2025 11:35

Tgt Ion:117 Resp: 415022

Ion	Ratio	Lower	Upper
117	100		
82	64.7	53.0	79.6
119	32.0	25.4	38.2



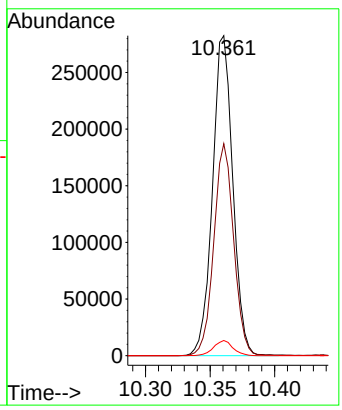


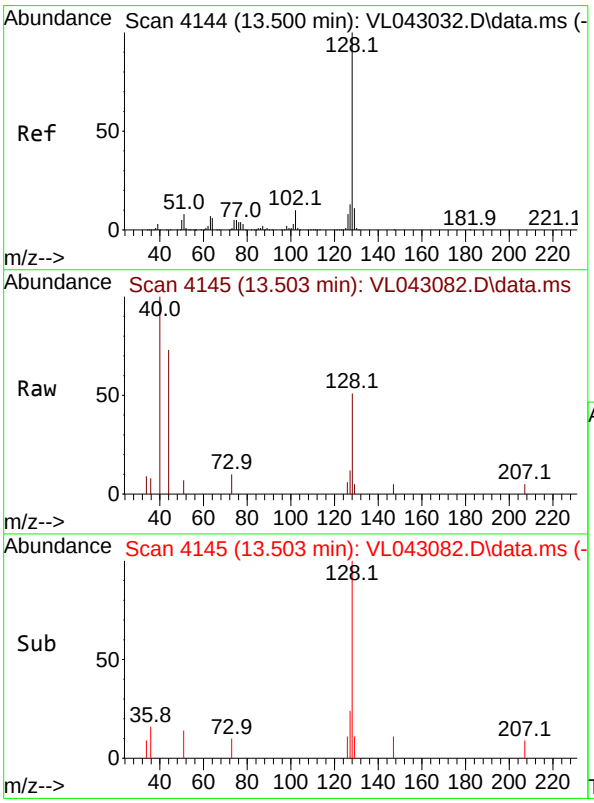
#68
1-Bromo-4-Fluorobenzene
Concen: 10.316 ppbv
RT: 10.361 min Scan# 3
Delta R.T. -0.000 min
Lab File: VL043082.D
Acq: 09 Oct 2025 11:35

Instrument :
MSVOA_L
ClientSampleId :
QC100625 CAN 10595

Tgt Ion: 95 Resp: 308409

Ion	Ratio	Lower	Upper
95	100		
174	65.0	52.3	78.5
175	4.5	3.8	5.8

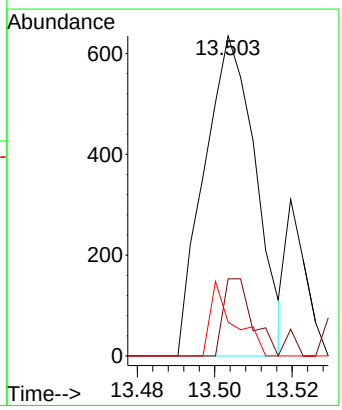


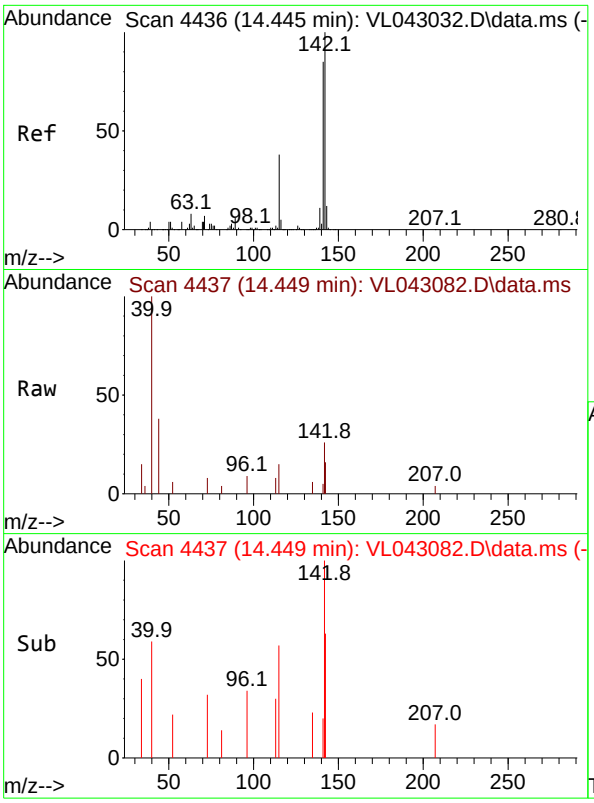


#79
Naphthalene
Concen: 0.245 ppbv
RT: 13.503 min Scan# 4145
Delta R.T. 0.003 min
Lab File: VL043082.D
Acq: 09 Oct 2025 11:35

Tgt Ion:128 Resp: 586

Ion	Ratio	Lower	Upper
128	100		
127	24.1	10.6	16.0#
129	10.6	8.8	13.2





#80
Naphthalene,2-methyl-
Concen: 0.682 ppbv
RT: 14.449 min Scan# 44
Delta R.T. 0.004 min
Lab File: VL043082.D
Acq: 09 Oct 2025 11:35

Instrument :
MSVOA_L
ClientSampleId :
QC100625 CAN 10595

Tgt Ion:142 Resp: 534

Ion	Ratio	Lower	Upper
142	100		
141	85.6	66.6	100.0
115	41.9	30.1	45.1